

HISTORIC AMERICAN ENGINEERING RECORD

INDEX TO PHOTOGRAPHS

HAER
AK,
20-MCAR,
1-

Kennecott Mine
McCarthy
Cordova/McCarthy Counties
Alaska

HAER No. AK-1

NOTE: Photographs were taken by Jet Lowe, photographer, July 1982

- AK-1-1 OVERVIEW FROM SOUTH, CONCENTRATION MILL IN CENTER
- AK-1-2 OVERVIEW FROM SOUTH, BOARDING HOUSE IN FOREGROUND
- AK-1-3 BOARDING HOUSE, LOOKING NORTHEAST
- AK-1-4 POWER PLANT, LOOKING NORTHWEST
- AK-1-5 POWER PLANT AND COTTAGES, LOOKING NORTHWEST
- AK-1-6 MACHINE SHOP AND POWER PLANT, LOOKING NORTHWEST
- AK-1-7 VIEW LOOKING SOUTH TOWARDS MCCARTHY, SHOWING BOARDING HOUSE ON LEFT
- AK-1-8 VIEW LOOKING WEST DOWN HIGH GRADE ORE CHUTE TO LEACHING PLANT
- AK-1-9 TRAM TERMINAL AT REAR OF CONCENTRATION MILL, LOOKING EAST
- AK-1-10 CONCENTRATION MILL, FRAMING, LOOKING SOUTHWEST
- AK-1-11 CONCENTRATION MILL, FRAMING, LOOKING SOUTHWEST FROM LOWER LEVEL
- AK-1-12 CONCENTRATION MILL, FRAMING DETAIL, LOOKING NORTHWEST
- AK-1-13 CONCENTRATION MILL, DETAIL OF BUCHANAN ORE BREAKERS
- AK-1-14 CONCENTRATION MILL, SYMONS CRUSHING ROOM
- AK-1-15 CONCENTRATION MILL, SEPARATING TABLES
- AK-1-16 CONCENTRATION MILL, BALL MILL
- AK-1-17 CONCENTRATION MILL, SETTLING VATS
- AK-1-18 CONCENTRATION MILL, BAGGER ROOM
- AK-1-19 LINES FROM CONCENTRATION MILL TO LEACHING PLANT, LOOKING SOUTH

- AK-1-20 LINES FROM CONCENTRATION MILL TO LEACHING PLANT, LOOKING EAST
- AK-1-21 LEACHING PLANT, LOOKING EAST
- AK-1-22 LEACHING PLANT, FRAMING OF ROOF
- AK-1-23 LEACHING PLANT VATS, LOOKING NORTH
- AK-1-24 LEACHING PLANT VATS, LOOKING NORTHWEST
- AK-1-25 POWER PLANT, LOOKING NORTHEAST
- AK-1-26 POWER PLANT, INTERIOR
- AK-1-27 MACHINE SHOP AND LEACHING PLANT, LOOKING SOUTHEAST
- AK-1-28 KENNECOTT APARTMENTS/KENNECOTT GLACIER LODGE (destroyed by fire in 1983)
- AK-1-29 PHOTOCOPY OF DRAWING OF POWER PLANT, DETAILS OF ROOF TRUSS, BOILER UNIT
- AK-1-30 PHOTOCOPY OF DRAWING OF POWER PLANT, DETAILS OF ROOF TRUSS, BOILER UNIT
- AK-1-31 PHOTOCOPY OF DRAWING OF POWER PLANT, GENERAL, ADDITION FOR DIESEL INSTALLATION
- AK-1-32 PHOTOCOPY OF DRAWING OF POWER PLANT, GENERAL, ADDITION FOR DIESEL INSTALLATION
- AK-1-33 PHOTOCOPY OF DRAWING OF POWER PLANT, SECTION, OCT. 13, 1911
- AK-1-34 PHOTOCOPY OF DRAWING OF POWER PLANT, SECTION, OCT. 13, 1911
- AK-1-35 PHOTOCOPY OF DRAWING OF POWER PLANT, SECTION, OCT. 12, 1911
- AK-1-36 PHOTOCOPY OF DRAWING OF POWER PLANT, SECTION, OCT. 12, 1911
- AK-1-37 PHOTOCOPY OF DRAWING OF POWER PLANT, GENERAL PLAN, OCT. 11, 1911
- AK-1-38 PHOTOCOPY OF DRAWING OF POWER PLANT, GENERAL PLAN, OCT. 11, 1911
- AK-1-39 PHOTOCOPY OF DRAWING OF TRACK SCALE AND SACKING SHED, GENERAL
- AK-1-40 PHOTOCOPY OF DRAWING OF TRACK SCALE AND SACKING SHED, GENERAL
- AK-1-41 PHOTOCOPY OF DRAWING OF TRACK SCALE AND SACKING SHED, SECTIONS OF BUILDINGS

- AK-1-42 PHOTOCOPY OF DRAWING OF TRACK SCALE AND SACKING SHED,
 SECTIONS OF BUILDINGS
- AK-1-43 PHOTOCOPY OF DRAWING OF THE MINE ORE BIN AND LOADING
 TERMINAL, CROSS SECTION AND SIDE ELEVATION
- AK-1-44 PHOTOCOPY OF DRAWING OF THE MINE ORE BIN AND LOADING
 TERMINAL, CROSS SECTION AND SIDE ELEVATION
- AK-1-45 PHOTOCOPY OF DRAWING OF MILL NO. 3, FEDERAL LEAD COMPANY,
 FLOW SHEET
- AK-1-46 PHOTOCOPY OF DRAWING OF MILL NO. 3, FEDERAL LEAD COMPANY,
 FLOW SHEET
- AK-1-47 PHOTOCOPY OF DRAWING, AMMONIA LEACHING PLANT
- AK-1-48 PHOTOCOPY OF DRAWING, AMMONIA LEACHING PLANT
- AK-1-49 PHOTOCOPY OF DRAWING, AMMONIA LEACHING PLANT
- AK-1-50 PHOTOCOPY OF DRAWING, AMMONIA LEACHING PLANT
- AK-1-51 PHOTOCOPY OF DRAWING, AMMONIA LEACHING PLANT, ROOF TRUSS
 DETAILS, SACKING SHED-FLOTATION UNIT
- AK-1-52 PHOTOCOPY OF DRAWING, AMMONIA LEACHING PLANT, ROOF TRUSS
 DETAILS, SACKING SHED-FLOTATION UNIT
- AK-1-53 PHOTOCOPY OF DRAWING, AMMONIA LEACHING PLANT, FLOW
 DIAGRAM, REPRESENTING ONE COMPLETE CYCLE
- AK-1-54 PHOTOCOPY OF DRAWING, AMMONIA LEACHING PLANT, FLOW
 DIAGRAM, REPRESENTING ONE COMPLETE CYCLE
- AK-1-55 PHOTOCOPY OF DRAWING, AMMONIA LEACHING PLANT, FLOW
 DIAGRAM, REPRESENTING ONE COMPLETE CYCLE
- AK-1-56 PHOTOCOPY OF DRAWING, AMMONIA LEACHING PLANT, GENERAL,
 DOUBLE EFFECT EVAPORATOR UNIT
- AK-1-57 PHOTOCOPY OF DRAWING, AMMONIA LEACHING PLANT, GENERAL,
 DOUBLE EFFECT EVAPORATOR UNIT
- AK-1-58 PHOTOCOPY OF DRAWING, CONCENTRATING MILL, FLOW SHEET,
 APRIL 1, 1924
- AK-1-59 PHOTOCOPY OF DRAWING, CONCENTRATING MILL, FLOW SHEET,
 APRIL 1, 1924
- AK-1-60 PHOTOCOPY OF DRAWING, CONCENTRATING MILL, FLOW SHEET,
 APRIL 1, 1924

AK-1-61	PHOTOCOPY OF DRAWING, CONCENTRATING MILL, FLOW SHEET, APRIL 1, 1924
AK-1-62	PHOTOCOPY OF DRAWING, CONCENTRATOR, FLOW SHEET (no date)
AK-1-63	PHOTOCOPY OF DRAWING, CONCENTRATOR, FLOW SHEET, NOVEMBER 15, 1912
AK-1-64	PHOTOCOPY OF DRAWING, CONCENTRATING MILL, FLOW DIAGRAM, DECEMBER 15, 1916
AK-1-65	PHOTOCOPY OF DRAWING, CRUSHING PLANT & CONCENTRATOR
AK-1-66	PHOTOCOPY OF DRAWING, CONCENTRATOR, GENERAL, JIG SECTION
AK-1-67	PHOTOCOPY OF DRAWING, CONCENTRATOR, GENERAL, JIG SECTION
AK-1-68	PHOTOCOPY OF DRAWING, CONCENTRATOR, FLOORS IN TABLE SECTION
AK-1-69	PHOTOCOPY OF DRAWING, CONCENTRATOR, FLOORS IN TABLE SECTION
AK-1-70	PHOTOCOPY OF DRAWING, CONCENTRATING MILL, GENERAL SECTION OF ENTIRE MILL, CONSTRUCTION 1911-1912
AK-1-71	PHOTOCOPY OF DRAWING, CONCENTRATING MILL, GENERAL SECTION OF ENTIRE MILL, CONSTRUCTION 1911-1912
AK-1-72	PHOTOCOPY OF DRAWING, CONCENTRATING MILL, GENERAL SECTION OF ENTIRE MILL, CONSTRUCTION 1911-1912
AK-1-73	PHOTOCOPY OF MAP SHOWING LOCATION OF BUILDINGS AT NATIONAL CREEK
AK-1-74	PHOTOCOPY OF MAP SHOWING LOCATION OF BUILDINGS AT NATIONAL CREEK
AK-1-75	PHOTOCOPY OF DRAWING, CRUSHING DEPT. AND TRAMWAY TERMINAL, SHEET NO. 3
AK-1-76	PHOTOCOPY OF DRAWING, CRUSHING DEPT. AND TRAMWAY TERMINAL, SHEET NO. 3
AK-1-77	PHOTOCOPY OF DRAWING, CRUSHING DEPT. AND TRAMWAY TERMINAL, SHEET NO. 2
AK-1-78	PHOTOCOPY OF DRAWING, CRUSHING DEPT. AND TRAMWAY TERMINAL, SHEET NO. 2
AK-1-79	PHOTOCOPY OF DRAWING, CRUSHING DEPT. AND TRAMWAY TERMINAL, SHEET NO. 4, ELEVATION LOOKING SOUTH
AK-1-80	PHOTOCOPY OF DRAWING, CRUSHING DEPT. AND TRAMWAY TERMINAL, SHEET NO. 4, ELEVATION LOOKING SOUTH

AK-1-81 PHOTOCOPY OF DRAWING, SURFACE BUILDINGS, GENERAL,
TRANSFORMER HOUSE, LOWER CAMP, NORTH END

AK-1-82 PHOTOCOPY OF DRAWING, SURFACE BUILDINGS, GENERAL,
TRANSFORMER HOUSE, LOWER CAMP, NORTH END

AK-1-83 PHOTOCOPY OF DRAWING, GENERAL OFFICES, ALTERATIONS

AK-1-84 PHOTOCOPY OF DRAWING, GENERAL OFFICES, ALTERATIONS

AK-1-85 PHOTOCOPY OF DRAWING, WAREHOUSE & STORE, MAIN FLOOR,
STORAGE DIAGRAM

AK-1-86 PHOTOCOPY OF DRAWING, WAREHOUSE & STORE, MAIN FLOOR,
STORAGE DIAGRAM

AK-1-87 PHOTOCOPY OF DRAWING, WAREHOUSE & STORE, BASEMENT,
STORAGE DIAGRAM

AK-1-88 PHOTOCOPY OF DRAWING, WAREHOUSE & STORE, BASEMENT,
STORAGE DIAGRAM

AK-1-89 PHOTOCOPY OF DRAWING, LOUISVILLE WATER COMPANY, GENERAL,
FRONT ELEVATION, ALLIS-CHALMERS

AK-1-90 PHOTOCOPY OF DRAWING, LOUISVILLE WATER COMPANY, GENERAL,
FRONT ELEVATION, ALLIS-CHALMERS

AK-1-91 PHOTOCOPY OF DRAWING, ALLIS-CHALMERS, GENERAL

AK-1-92 PHOTOCOPY OF DRAWING, ALLIS-CHALMERS, GENERAL

AK-1-93 PHOTOCOPY OF DRAWING, SURFACE BUILDINGS, GENERAL,
APARTMENT HOUSE, LOWER CAMP, SOUTH END

AK-1-94 PHOTOCOPY OF DRAWING, SURFACE BUILDINGS, GENERAL,
APARTMENT HOUSE, LOWER CAMP, SOUTH END

AK-1-95 PHOTOCOPY OF DRAWING, SURFACE BUILDINGS, ALTERATIONS TO
ANNEX IN 1920

AK-1-96 PHOTOCOPY OF DRAWING, SURFACE BUILDINGS, ALTERATIONS TO
ANNEX IN 1920

AK-1-97 PHOTOCOPY OF DRAWING, BUNKHOUSE AT THE FOOT OF NATIONAL
CREEK

AK-1-98 PHOTOCOPY OF DRAWING, BUNKHOUSE AT THE FOOT OF NATIONAL
CREEK

AK-1-99 PHOTOCOPY OF DRAWING, FIVE-ROOM HOUSE

AK-1-100 PHOTOCOPY OF DRAWING, FIVE-ROOM HOUSE

AK-1-101 PHOTOCOPY OF DRAWING, BUNKHOUSE NO. 1, PROPOSED ALTERATIONS

AK-1-102 PHOTOCOPY OF DRAWING, BUNKHOUSE NO. 1, PROPOSED ALTERATIONS

HISTORIC AMERICAN ENGINEERING RECORD

HAER
AK,
20-MCAR,
1-

INDEX TO PHOTOGRAPHS
(Page 7)

Kennecott Copper Corporation
on the Copper River and Northwestern Railway in the Wrangell-St. Elias National
Park and Preserve
Kennicott
Valdez-Cordova
Alaska

HAER No. AK-1

Addendum to:
Kennecott Mines
McCarthy
Cordova/McCarthy County
Alaska

Jet Lowe, photographer July 1985

Photographs AK-1-1 through -102 were transmitted to the Library of Congress in
1983.

AK-1-103	PANORAMA OF THE CAMP, LOOKING EAST
AK-1-104	PANORAMA, LOOKING SOUTH
AK-1-105	PANORAMA, LOOKING SOUTH, TELEPHOTO OF AK-1-104
AK-1-106	MACHINE SHOP AND MILL, LOOKING SOUTHEAST
AK-1-107	CONCENTRATION MILL, LOOKING SOUTH
AK-1-108	CONCENTRATION MILL, LOOKING SOUTHEAST
AK-1-109	CONCENTRATION MILL, LOOKING EAST
AK-1-110	CONCENTRATION MILL, LOOKING EAST
AK-1-111	TROMMEL AT MAIN ORE BIN
AK-1-112	ELEVATOR
AK-1-113	VIBRATING SCREEN
AK-1-114	HANCOCK JIG, FROM TOP
AK-1-115	HANCOCK JIG, FROM BOTTOM
AK-1-116	RICHARDS CLASSIFIER, BOTTOM

HISTORIC AMERICAN ENGINEERING RECORD

INDEX TO PHOTOGRAPHS
(Page 8)

Kennecott Copper Corporation
on the Copper River and Northwestern Railway in the Wrangell-St. Elias National
Park and Preserve
Kennicott
Valdez-Cordova
Alaska

HAER No. AK-1

Addendum to:
Kennecott Mines
McCarthy
Cordova/McCarthy County
Alaska

Jet Lowe, photographer July 1985

(continued)

AK-1-117	WILFLEY TABLES
AK-1-118	PLAT-O TABLES
AK-1-119	PLAT-O TABLES
AK-1-120	JAMES SIMPLEX TABLES
AK-1-121	CALLOW CONES
AK-1-122	DORR THICKENER
AK-1-123	DORR THICKENER, TOP
AK-1-124	DETAIL OF DORR THICKENER
AK-1-125	WATER PUMP BOXES
AK-1-126	WATER PUMP BOXES
AK-1-127	TABLE CONCENTRATE TANK
AK-1-128	HIGH GRADE BAGGER
AK-1-129	CONCENTRATE LOADING SHED
AK-1-130	BALL MILL
AK-1-131	BALL MILL

HISTORIC AMERICAN ENGINEERING RECORD

INDEX TO PHOTOGRAPHS
(Page 9)

Kennecott Copper Corporation
on the Copper River and Northwestern Railway in the Wrangell-St. Elias National
Park and Preserve
Kennicott
Valdez-Cordova
Alaska

HAER No. AK-1

Addendum to:
Kennecott Mines
McCarthy
Cordova/McCarthy County
Alaska

Jet Lowe, photographer July 1985

(continued)

AK-1-132	BALL MILL
AK-1-133	DRAG DEWATERER
AK-1-134	LEACHING PLANT, LOOKING NORTHEAST
AK-1-135	LEACHING PLANT, LOOKING NORTHEAST, SHOWING MILL AT REAR
AK-1-136	CONVEYOR SYSTEM
AK-1-137	CONVEYOR SYSTEM
AK-1-138	CONVEYOR SYSTEM
AK-1-139	DRAG DEWATERER TO TAILINGS
AK-1-140	DRAG DEWATERER
AK-1-141	FLOTATION CELLS
AK-1-142	FLOTATION CELLS
AK-1-143	POWER PLANT, LOOKING EAST
AK-1-144	BUNKHOUSE, LOOKING SOUTHEAST

HISTORIC AMERICAN ENGINEERING RECORD

INDEX TO PHOTOGRAPHS

HAER
AK,
20-MCAR,
1-

HAER No. AK-1

KENNECOTT MINES
(KENNECOTT COPPER CORPORATION)
On Copper River and Northwestern Railroad
McCarthy
Valdez-Cordova County
Alaska

ADDENDUM TO
KENNECOTT COPPER CORPORATION
Kenecott
Alaska

ADDENDUM TO
KENNECOTT MINES
McCarthy
Cordova/McCarthy Counties
Alaska

AK-1-1 through AK-1-144 were transmitted to the Library of Congress.

INDEX TO COLOR TRANSPARENCIES

All color xeroxes were made from a duplicate color transparency.

HABS No. AK-1-145 (CT) through AK-1-149 (CT), Jet Lowe, Photographer, July 1982
HABS No. AK-1-150 (CT) through AK-1-154 (CT), Jet Lowe, Photographer, July 1985

AK-1-145 (CT)	OVERVIEW FROM SOUTH, CONCENTRATION MILL IN CENTER
AK-1-146 (CT)	OVERVIEW FROM SOUTH, BOARDING HOUSE IN FOREGROUND
AK-1-147 (CT)	LINES FROM CONCENTRATION MILL TO LEACHING PLANT, LOOKING SOUTH
AK-1-148 (CT)	LEACHING PLANT, LOOKING EAST
AK-1-149 (CT)	POWER PLANT, LOOKING NORTHEAST
AK-1-150 (CT)	PANORAMA OF THE CAMP, LOOKING EAST
AK-1-151 (CT)	PANORAMA, LOOKING SOUTH, TELEPHOTO
AK-1-152 (CT)	CONCENTRATION MILL, LOOKING SOUTH
AK-1-153 (CT)	CONCENTRATION MILL, LOOKING SOUTHEAST
AK-1-154 (CT)	CONCENTRATION MILL, LOOKING EAST